

SEQUENCE LISTING

<110> VIB vzw

<120> DIAGNOSTIC TESTS FOR THE DETECTION OF MOTOR NEUROPATHY

<130> VTI/HSP/V171

<140> PCT/EP2004/052962

<141> 2004-11-15

<150> EP03104181.7

<151> 2003-11-13

<160> 79

<170> PatentIn version 3.1

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Asp Gly Phe Gly Met Asp Pro Phe Pro Asp Asp Leu Thr Ala Ser Trp
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Pro Asp Trp Ala Leu Pro Arg Leu Ser Ser Ala Trp Pro Gly Thr Leu
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Val Pro Ala Glu Gly Arg Thr Pro Pro Pro Phe Pro Gly Glu Pro Trp
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Lys Val Cys Val Asn Val His Ser Phe Lys Pro Glu Glu Leu Met Val
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Lys Thr Lys Asp Gly Tyr Val Glu Val Ser Gly Lys His Glu Glu Lys
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Gln Gln Glu Gly Gly Ile Val Ser Lys Asn Phe Thr Lys Lys Ile Gln
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Leu Pro Ala Glu Val Asp Pro Val Thr Val Phe Ala Ser Leu Ser Pro
 145 150 155 160

Glu Gly Leu Leu Ile Ile Glu Ala Pro Gln Val Pro Pro Tyr Ser Thr
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Phe Gly Glu Ser Ser Phe Asn Asn Glu Leu Pro Gln Asp Ser Gln Glu
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Val Thr Cys Thr
 195

<210> 3
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 <212> PRT
 <213> Triticum aestivum

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Arg Met Asp Trp Lys Glu Thr Pro Glu Ala His Val Phe Lys Ala Asp
 20 25 30

Leu Pro Gly Val Lys Lys Glu Glu Val Lys Val Glu Val Glu Asp Gly
 35 40 45

Asn Val Leu Val Val Ser Arg Thr Lys Glu Lys Glu Asp Lys Asn Asp
 50 55 60

Arg Ser Ser Gly Lys Phe Val Arg Arg Phe Arg Leu
 65 70 75

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 <213> Drosophila melanogaster

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1 5 10 15

Gly Ser Thr Leu Asn Ile Asp Ser Glu Lys Phe Glu Val Ile Leu Asp
 20 25 30

Val Gln Gln Phe Ser Pro Ser Glu Ile Thr Val Lys Val Ala Asp Lys
 35 40 45

Phe Val Ile Val Glu Gly Lys His Glu Glu Lys Gln Asp Glu His Gly
 50 55 60

Tyr Val Ser Arg Gln Phe Ser Arg Arg Tyr Gln Leu
 65 70 75

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 1 5 10 15

Ile Ser Glu Val Arg Ser Asp Arg Asp Lys Phe Val Ile Phe Leu Asp
 20 25 30

Val Lys His Phe Ser Pro Glu Asp Leu Thr Val Lys Val Gln Asp Asp
 35 40 45

Phe Val Glu Ile His Gly Lys His Asn Glu Arg Gln Asp Asp His Gly
 50 55 60

Tyr Ile Ser Arg Glu Phe His Arg Arg Tyr Arg Leu
 65 70 75

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Leu Ser Glu Met Arg Leu Glu Lys Asp Arg Phe Ser Val Asn Leu Asp
20 25 30

Val Lys His Phe Ser Pro Glu Glu Leu Lys Val Lys Val Leu Gly Asp
35 40 45

Val Ile Glu Val His Gly Lys His Glu Glu Arg Gln Asp Glu His Gly
50 55 60

Phe Ile Ser Arg Glu Phe His Arg Lys Tyr Arg Ile
65 70 75

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Arg Thr Pro Pro Pro Phe Pro Gly Glu Pro Trp Lys Val Cys Val Asn
20 25 30

Val His Ser Phe Lys Pro Glu Glu Leu Met Val Lys Thr Lys Asp Gly
35 40 45

Tyr Val Glu Val Ser Gly Lys His Glu Glu Lys Gln Gln Glu Gly Gly
50 55 60

Ile Val Ser Lys Asn Phe Thr Lys Lys Ile Gln Leu
65 70 75

<210> 8
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<213> Homo sapiens

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Ala Ala Pro Ala Tyr Ser Arg Ala Leu Ser Arg Gln Leu Ser Ser Gly
1 5 10 15

Val Ser Glu Ile Arg His Thr Ala Asp Arg Trp Arg Val Ser Leu Asp
20 25 30

Val Asn His Phe Ala Pro Asp Glu Leu Thr Val Lys Thr Lys Asp Gly
 35 40 45

Val Val Glu Ile Thr Gly Lys His Glu Glu Arg Gln Asp Glu His Gly
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Tyr Ile Ser Arg Cys Phe Thr Arg Lys Tyr Thr Leu
 65 70 75

<210> 9
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 <212> PRT
 <213> Mycobacterium leprae

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 20 25 30

Leu Pro Gly Ile Lys Ala Asp Ser Leu Asp Ile Asp Ile Glu Arg Asn
 35 40 45

Val Val Thr Val Arg Ala Arg Pro Gly Val Asp Pro Asp Arg Glu Met
 50 55 60

Arg Pro Arg Gly Val Phe Asn Arg Gln Leu Val Leu
 65 70 75

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 20 25 30

Val His Ser Phe Lys Pro Glu Glu Leu Met Val Lys Thr Lys Asp Gly
 35 40 45

Tyr Val Glu Val Ser Gly Lys His Glu Glu Lys Gln Gln Glu Gly Gly
 50 55 60

Ile Val Ser Lys Asn Phe Thr Lys Lys Ile Gln Leu
 65 70 75

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 20 25 30

Val His Ser Phe Lys Pro Glu Glu Leu Met Val Lys Thr Lys Asp Gly
 35 40 45

Tyr Val Glu Val Ser Gly Lys His Glu Glu Lys Gln Gln Glu Gly Gly
 50 55 60

Ile Val Ser Lys Asn Phe Thr Lys Lys Ile Gln Leu
 65 70 75

<210> 12
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Asn Ser Asn Val Val Asn Asp Asp Arg Arg Phe Ala Val Asp Met Asp
 20 25 30

Cys Tyr Gln Phe Arg Pro Glu Glu Ile Gln Val Lys Thr Leu Asp Asp
 35 40 45

Thr Leu Met Ile Glu Gly Arg His Glu Asp Ile Arg Asp Lys Asp Asn

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55

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Phe Thr Lys Met Tyr Phe Val Arg Lys Tyr Gln Leu
 65 70 75

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